
MAEd in Science Education

THE COLLEGE OF EDUCATION AT EAST CAROLINA UNIVERSITY

Program Description:

The MAEd is designed to improve the knowledge and skills of the classroom science teacher. Specializations include elementary, middle, and secondary education and community college science education.

Other Requirements:

North Carolina teaching licensure

Graduate School Application

Undergraduate degree in science education or education with a concentration in science.

Courses Requirements (all courses may not be required):

ADED 6550 Leadership and Communication Skills in Education

OR ELEM 6550 Leadership and Communication Skills in Education

OR LEED 6000 Leadership and Communication

EDUC 6001 Introduction to Differences in Human Learning in Schools

SCIE 6020 Recent Developments in Science Teaching

SCIE 6200 Environmental Education

SCIE 6310 Advanced Methods in Teaching Science

SCIE 6500 Understanding and Engaging in Educational Research

SCIE 6600 Action Research in Teaching

SPED 6002 Addressing Differences in Human Learning in Schools

Additional Course Requirements: Choose 9 semester hours from biological science, physical science, or earth science (BIOL, CHEM, GEOL, PHYS, or SCIE).

Final Product Requirement: (students must complete one of the following options)

Option #1: Research Project (on one of the following) with an oral presentation or a professional portfolio:

SCIE 6505 Problems in Science Education (Elementary)

SCIE 6505 Problems in Science Education (Secondary)

SCIE 6506 Problems in Science Education (College)

Option #2:

SCIE 7000 Thesis with an oral presentation.

Graduate Program Director:

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